SONY
make.believe

SEL50F18/B

NEX Lens (50mm F1.8 OSS).

Key Features

Built-in Optical SteadyShot™ image stabilization

The built-in Optical SteadyShot image stabilization system provides a 4-stop (approx.) shutter speed advantage, making it significantly easier to achieve crisp, blur-free images and video.

Large F1.8 aperture

The SEL50F18 has an innovative optical design to achieve clear, high-quality images by effectively minimizing distortion and chromatic aberration. Moreover, the large maximum aperture of this lens with its circular aperture design, can produce beautiful, creamily defocused backgrounds.

Smooth and quiet high-speed focusing

Lens operation is fast but at the same time smooth and quiet, minimizing noise and image jitter when shooting movies. A linear motor used for focus drive contributes to low-noise focus operation, while a stepping motor built into the lens, technology inherited from Sony's professional camcorders, results in smooth, quiet aperture actuation ideal for movie shooting.

Compact and lightweight

The SEL50F18 is remarkably compact and lightweight for a large-aperture mid-range telephoto lens (50mm focal length/75mm equivalent in 35mm format). It is convenient to carry around for general photography, and particularly well suited to shooting portraits. The elegant aluminum alloy exterior of this lens affords an appearance that blends beautifully with the graceful design of E-mount bodies, and the engraved focus ring offers sophisticated appearance as well as superior grip and operating feel.

Direct Manual Focus (DMF)

Direct Manual Focus (DMF) allows the user to go directly to manual focusing after autofocus lock-on without having to switch modes. In cases where autofocus has trouble locking onto the subject, or when the user wants to focus at a specific point, DMF facilitates fast, easy fine focus adjustments. This can be particularly useful for portraits in which depth of field can be extremely shallow.

Specifications

Optics/Lens	
Aperture (Max.)	f/1.8
Aperture (Min.)	f/22
Focal Length (35mm equivalent)	75mm
Filter Diameter	49mm
Lens Groups-Elements	8 groups, 9 elements
AF for Movie Capture	Yes
Minimum Focus Distance	15.3" (0.39m)
Angle of View	32°
Aperture Blade	7 blades (Circular aperture)
Dimensions (Max. Diameter x Length)	2-1/2 x 2- 1/2" (62x62mm)
Direct Manual Focus	Yes
Exterior Finish	Metal
Internal Motor	Yes (Stepping motor)
Lens Weight	7.25 oz (202g)
Low Noise During Movie Capture	Excellent

SONY
make.believe

Maximum Magnification	0.16x (APS-C)
Mount Material	Metal
Weights and Measurements	
Dimensions (Approx.)	2-1/2 x 2-1/2" (62 x 62mm)
Weight (Approx.)	7.25oz (202g)
Accessories	
Supplied Accessories	Lens cap Lens rear cap

© 2013 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony is not responsible for typographic and photographic errors. Features and specifications are subject to change without notice. Sony, BIONZ, BRAVIA, BRAVIA Sync, Cyber-shot, Exmor, InfoLITHIUM, Memory Stick PRO Duo, Memory Stick Duo, the Memory Stick logo, Optical SteadyShot, Remote Commander, Smile Shutter, Stamina, SteadyShot, Theatre Sync, TruBlack, and Xtra Fine LCD are trademarks of Sony. Microsoft, Windows, and Windows Vista are trademarks of Microsoft Corporation. Mac OS and iMovie are trademarks of Apple Computers, Inc. HDMI is a trademark of HDMI Licensing LLC. All other trademarks are trademarks of their respective owners. / UPC:027242872448 / Updated: September 6, 2013